

Resource Summary Report

Generated by [T1D](#) on Sep 19, 2026

[Cacna1a^{tm2.1Maag}/Cacna1a^{tm2.2Maag}; Tg\(Ella-cre\)C5379Lmgd](#)

RRID:MGI:3697450

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3697450

Description: Allele Detail: Targeted, Transgenic This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted, Transgenic This is a legacy resource.

Phenotype: decreased neurotransmitter release, dystonia, lethality at weaning, complete penetrance, decreased body size, abnormal synaptic acetylcholine release, ataxia

Affected Gene: Cacna1a

Genomic Alteration: Tg(Ella-cre)C5379Lmgd, tm2.1Maag, tm2.2Maag

Catalog Number: 3697450

Background: involves: 129P2/OlaHsd * FVB/N

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17146767](#)

Organism Name: Cacna1a^{tm2.1Maag}/Cacna1a^{tm2.2Maag}; Tg(Ella-cre)C5379Lmgd

Record Creation Time: 20240120T190533+0000

Record Last Update: 20240130T202032+0000

Ratings and Alerts

No rating or validation information has been found for *Cacna1a*^{tm2.1Maag}/*Cacna1a*^{tm2.2Maag}; Tg(EIIa-cre)C5379Lmgd.

No alerts have been found for *Cacna1a*^{tm2.1Maag}/*Cacna1a*^{tm2.2Maag}; Tg(EIIa-cre)C5379Lmgd.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.